

**B18-11**

City of Concord, New Hampshire  
Purchasing Division

**RATTLESNAKE BROOK CULVERT  
AND OUTFALL REPLACEMENT PROJECT  
US ROUTE 3 (NORTH STATE STREET)  
CONCORD, NH**

Prepared for, and in coordination with the

**COMMUNITY DEVELOPMENT DEPARTMENT  
ENGINEERING SERVICES DIVISION**

Contract Documents  
Proposal Documents  
Specifications

Firm: \_\_\_\_\_

**BID DUE DATE/TIME: DECEMBER 21, 2010 NOT LATER THAN 2:00 PM**

**MANDATORY PRE-BID MEETING DATE/TIME: DECEMBER 10, 2010 AT 11:00 AM**



**City of Concord, New Hampshire  
PURCHASING DIVISION**

COMBINED OPERATIONS & MAINTENANCE FACILITY

311 NORTH STATE STREET

CONCORD, NH 03301

603-225-8530 FAX: 603-230-3656

[www.onconcord.com](http://www.onconcord.com)

**INVITATION FOR BIDS**

The Purchasing Division, located at the Combined Operations and Maintenance Facility, 311 North State Street, Concord, New Hampshire 03301, will receive sealed Bids for B18-11, "Rattlesnake Brook Culvert and Outfall Replacement Project, US Route 3 (North State Street)" until 2:00 PM on December 21, 2010 at which time and place they will be opened and publicly read. The sealed envelope should be plainly marked:

**"B18-11  
Rattlesnake Brook Culvert and Outfall Replacement Project  
US Route 3 (North State Street)  
Concord, NH"**

Bids may be issued only by the Purchasing Manager, or his designee, to authorized firms and are not transferable unless authorized by the Purchasing Manager, or his designee.

Plans and specifications may be purchased from the Purchasing Division, Combined Operations and Maintenance Facility, 311 North State Street, Concord, New Hampshire 03301, (603) 225-8530 for a non-refundable fee of \$75 per set. An additional non-refundable fee of \$25 per set must be paid if the plans and specifications are to be mailed.

A mandatory pre-bid informational meeting will be held at 11:00 AM on December 10, 2010 at the City of Concord, City Hall, 2<sup>nd</sup> Floor Conference Room, 41 Green Street, Concord, NH 03301.

Each bid shall be accompanied by a certified check, cash, check drawn by a New Hampshire bank, or bid bond for and subject to conditions provided in the Instruction to Bidders. The amount of such bid deposit shall be ten percent (10%) of the total bid, made payable to the City of Concord, New Hampshire.

The successful bidder will be required to furnish a performance bond and a separate payment bond each in the amount of one hundred percent (100%) of the contract price.

Progress Payments: On not later than the last day of every month, the Contractor shall prepare and submit an invoice covering the total quantities of work that have been completed from the

start of the job up to and including the last day of the preceding month together with such supporting evidence as required by the City.

Retainage: The City shall retain a portion of the progress payments, each month, in accordance with the following procedures:

1. Until work is 50% complete, as determined by the City, retainage shall be 10% of the monthly payments claimed. The computed amount of retainage shall be deposited in a non-interest bearing account established by the City.
2. After the work is 50% complete, and provided the Contractor has satisfied the City in quality and timeliness of the work, and provided further that there is no specific cause for withholding additional retainage no further amount shall be withheld.
3. Upon substantial completion, the amount of retainage shall be reduced to 2% of the total contract price plus an additional retainage based on the City's estimate of the fair value of the punch list items and the cost of completing and/or correcting such items of work, with specified amounts for each incomplete or defective item of work. As these items are completed or corrected, they shall be paid out of the retainage until the entire project is declared completed. The final 2% retainage shall be held, in the non-interest bearing account, during the two year warranty period and released only after the City has accepted the project.

Liquidated Damages: In the event that the Contractor fails to satisfactorily complete the work contemplated and provided for under this contract, on or before the date of completion, the City shall deduct from the payments due the Contractor each month, the sum of eight hundred dollars (\$800.00) plus engineering charges per day for each calendar day of delay, which sum is agreed upon not as a penalty, but as fixed and liquidated damages for each day of such delay, to be paid in full and subject to no deduction. If the payments due the Contractor are less than the amount of such liquidated damages said damages shall be deducted from any other monies due or to become due the Contractor or shall be paid by the Contractor's surety.

The City reserves the right to reject any or all bids or any part thereof, to waive any formality, informality, information and/or errors in the proposal, to accept the proposal considered to be in the best interest of the City, or to purchase on the open market if it is considered in the best interest of the City to do so.

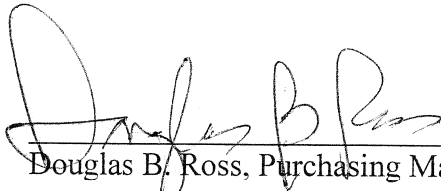
Failure to submit all information as detailed on the Bid Submission Checklist and/or submission of an unbalanced bid are sufficient reasons to declare a proposal as non-responsive and subject to disqualification.

All bids are advertised, at the City's discretion, in various publications and are posted publicly as detailed below:

Name	Advertising Medium	Address	Phone/Fax	Email and Web Address
City of Concord, NH	Posted on City Website and in City Hall Lobby	41 Green Street, Concord NH 033301	603.225.8530 603.230.3656(fax)	<a href="mailto:purchasing@onconcord.com">purchasing@onconcord.com</a> <a href="http://www.onconcord.com/purchasing">www.onconcord.com/purchasing</a>
Associated General Contractors	Bid House	48 Grandview Drive, Bow NH 03304	603.225.2701 603.226.3859(fax)	<a href="mailto:plansroom@agcnh.org">plansroom@agcnh.org</a> <a href="http://nh.agc.org">http://nh.agc.org</a>
Construction Summary of NH	Bid House	734 Chestnut St, Manchester NH 03104	603.627.8856 603.627.4524(fax)	<a href="mailto:info@constructionsummary.com">info@constructionsummary.com</a> <a href="http://www.constructionsummry.com">www.constructionsummry.com</a>
Bid Ocean	Bid House	PO Box 40445, Grand Junction, CO 81501	866.347.9657 877.356.9704(fax)	<a href="mailto:bids@bidocean.com">bids@bidocean.com</a> <a href="http://www.bidocean.com">www.bidocean.com</a>
McGraw Hill Construction	Bid House	880 Second Street, Manchester NH 03102	603.645.6554 603.645.6714(fax)	<a href="mailto:Priscilla_littlefield@mcgraw-hill.com">Priscilla_littlefield@mcgraw-hill.com</a> <a href="http://www.construction.com">www.construction.com</a>
New England Construction News - CDC News	Bid House	100 Radnor Rd S-102, State College, PA 16801	1.800.652.0008 1.888.285.3393(fax)	<a href="mailto:mweaver@cdcnews.com">mweaver@cdcnews.com</a> <a href="http://www.cdcnews.com">www.cdcnews.com</a>

APPROVED:

CITY OF CONCORD, NEW HAMPSHIRE

  
Douglas B. Ross, Purchasing Manager 11/29/10

**Proposal Due Date/Time: December 21, 2010 not later than 2:00 PM**

## SCOPE OF WORK

PROJECT NAME: B18-11 – Rattlesnake Brook Culvert and Outfall Replacement Project  
US Route 3 (North State Street)  
Concord, NH

### SCOPE OF WORK:

#### PROJECT IDENTIFICATION

The project name is “Rattlesnake Brook Culvert and Outfall Replacement Project, US Route 3 (North State Street), Concord, NH”. The Contract Documents were prepared by the Engineering Services Division, City of Concord, NH, with ground and boundary survey prepared by Richard D. Bartlett & Associates, LLC, Concord, New Hampshire. The Contract Documents are dated October 12, 2010.

#### DESCRIPTION OF WORK

This project consists of the following areas and major components:

##### Stone Masonry Box Culvert Removal and Replacement

The project involves the removal of an existing 7' x 5' stone masonry box culvert and 4' x 5' stone masonry box culvert with a new 7' x 5' reinforced pre-cast concrete box culvert and 60" reinforced concrete pipe culvert, respectively. The Contractor is alerted that it is expected that the proposed box culvert and outlet pipe will be connected to the existing culvert wall openings by field connections with reinforced concrete collars as detailed on the plans. The Contractor shall be responsible for maintaining flows within the Rattlesnake Brook channel at all times during construction and will be considered incidental to the work.

##### Drainage Improvements and Reconstruction

The project involves connections of previously constructed drainage improvements along North State Street to the new box culvert.

##### Maintenance/Construction of Granite Retaining Walls

The project involves maintaining all existing granite retaining walls on the City site and within the drainage outfall area. Installation of the new box culvert is not expected to impact the existing retaining walls. If disturbance of the existing walls is required to complete the work, the Contractor will be paid under Item 572.2 Reconstructing Stone Wall Multiple Stones Wide.

##### Maintenance/Construction of Water Systems

The project involves with installation of 14" gate valves and the removal and replacement of the 14" cast iron water main. Given its unique size, the 14" cast iron water main will be replaced with 16" ductile iron water main through expansion/reduction fittings. The intent of the project is to cut away the 14" cast iron water main during construction and support the 16" ductile iron

water main during construction. Support of the 16" water main will be considered incidental to the work.

#### Site Restoration

All disturbed areas shall be loamed and seeded as shown on the Site Restoration Plan. Building demolition should be done carefully so as to not disturb the existing granite retaining walls or slabs. Placement of fill following the installation of the drainage structures shall conform to the grades shown on the Site Restoration Plan.

#### Maintenance of Traffic

Every effort should be made to support two lanes of traffic during peak travel times. One-lane alternating traffic will be permitted during off-peak hours if work areas are shortened and the traffic control effort does not result in long delays.

#### ENVIRONMENTAL COMMITMENTS

The City of Concord is currently in the process of securing all wetland and stream crossing permits required. Specific permit conditions will be made available upon receipt. Standard erosion and sediment control measures shall be employed to assure that impacts are avoided and/or minimized. The Contractor shall be responsible to maintain erosion and sediment control measures throughout the duration of the project. The Contractor shall provide a Stormwater Pollution Prevention Plan (SWPPP). Inspections will be paid under Item 645.71 Monitoring SWPPP and Erosion Control.

The Concord Heritage Commission has reviewed the site and while the demolition of all site buildings has been approved, all granite retaining walls and stone walls shall be maintained without disturbance. It is the project's intent to restore the site to pre-disaster conditions as best possible.

All standard measures shall be employed to ensure that temporary increases in noise and dust levels are minimized to the extent practicable and limited to the construction period.

#### BASIS OF AWARD

BIDS for this WORK will be compared on the basis of the aggregate sum of the products of the various unit prices and lump sum items multiplied by the quantities given in the Proposal Schedule. The lowest bid shall be the lowest total of the bid prices for the project.

Note that the Owner reserves the right to accept or reject any or all bids based on bidder qualifications and project funding.

## UTILITY CONTACTS

Electric	Unitil Stan Balch (603) 227-4533	Telephone	Fairpoint Comm. Katie Jones (603) 226-1436
CATV	Comcast Tim Dent (603) 899-6718 ext. 516	Gas Main	National Grid Paul Shea (603) 286-2510
Fire Alarm	Concord Fire Department Richard Wollert (603) 225-8667		